

INFORMED CONFIDENTIAL

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COUNTRY

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SUBJECT Jamming of Radio Broadcasts

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ACQUIRED

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REPORT NO.

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SOURCE FRIB

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EVALUATE

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1. Acting upon a report dated 13 April 1948 from the [REDACTED] FRIB, that on 12 April 1948 the [REDACTED] observed what appeared to be intentional jamming of the Munich (Germany) relay transmitters of the Voice of the United States of America, the frequencies of Munich were watched during the transmission of 14 April 1948 by the FRIB Station at [REDACTED]

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2. The pattern of interference paralleled the jamming of VOUSA broadcasts to the Far East in Russian previously reported in [REDACTED] and [REDACTED]. Sporadic bursts of interference were heard on the three audible Munich frequencies as the jamming transmitters tuned up several minutes prior to the start of the main broadcast in Russian at 13:00 EST. Following the playing of the "Star Spangled Banner" and the opening greeting in Russian, the interference became continuous at 13:02 exactly when the newscast in Russian began. An hour later at 14:01 the jamming ceased as the transmission ended with the playing of the "Star Spangled Banner".

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3. The audible jamming signals appeared to be slightly less complex than those already reported from the Far East: one transmitter produced a low heterodyne and was modulated with an approximately 2000 cycle note which alternated its pitch several hundred cycles every few seconds, while a probable second transmitter on the same channel emitted what resembled a frequency-modulated buzz. Intelligibility of the Munich relays was only partly impaired in Washington.

4. No jamming was observed during the second and shorter VOUSA broadcast in Russian relayed by Munich at 16:00-16:30 EST.

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5. Direction-finder bearings spread the jamming transmitters between 30° and 42° east of north from [REDACTED], indicating arctic and sub-arctic points of origin. From Washington maximum disturbance to the Munich signals was obtained by use of the antenna beamed on Moscow, the most northerly-bearing antenna in service at this installation.

6. A report that the U.S.-controlled German broadcasting station in Berlin has been jammed for several days during its news bulletins was monitored on the British Zone German Press Service, DRP, hellschreiber transmission at 06:30, 13 April 1948.

CLASSIFICATION

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7. Jamming of a very complex nature was also observed today, as on other days in recent months, during the broadcast in Russian from Radio Nacional de Espana, Madrid, at 14:20 - 15:00 ESP. Madrid is broadcasting with half the power output (40 kilowatts) used by Munich (80 kilowatts) and is rendered completely unintelligible by the jamming. Direction-Finders locate these jamming transmitters at 55° to 86° east of north from [REDACTED] 25X1A6a clearly indicating that the VOUSA jamming is not being accomplished with the same group of transmitters as used on the Spanish project.

It is observed that transmissions in Spanish beamed to Spain from Radio Moscow and the Moscow-affiliated "clandestine" station, Radio Espana Independiente, have been jammed with less effectiveness by the Franco Government for more than a year.

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